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## Remarks/Arguments

Claims 1-26 remain pending in the application. Claim 19 has been amended to correct a formal error. The specification has been amended to include headings as necessary and the abstract has been amended to replace "comprising" with "including." No new matter is believed to be added by the present amendment.

## Claims 1-4, 6-26 are rejected under 35 U.S.C. § 102(a) as anticipated by US Patent Application Public 20050250536 (hereinafter "Deng").

Claims 1-4, 6-26 are rejected under 35 U.S.C. § 102(a) as anticipated by Deng. Applicants respectfully traverse this rejection for at least the following reasons.

Claim 1 recites, in part, the following:

" *a first interface adapted to allow the IP access point to communicate with the point-to-point communication module wherein the first interface is adapted to be presented to an electronic device communicating in IP mode with the IP access point, in the form of at least one virtual port and the said first interface is adapted to be controlled by the said electronic device by means of control instructions.* "

Applicants submit that Deng fails to disclose or suggest each and every limitation of the subject claims.

Deng pertains to a wireless data communication device that is connected to a variety of computers or other data processing equipment (see abstract). The device can also provide a wireless connection to a public wireless network, such as a wireless phone network (see paragraph 0002 and abstract).

The wireless data communication device includes an interface module (Fig. 1, element 5), a wireless transceiver module (Fig. 1, element 8), and a controller module (Fig. 1, element 17). The interface module is used to connect the device to a computer or data processing system through a serial, parallel or wireless interface (see paragraph 0045), such as "*USB, IEEE 1394, PCMCIA, CF, Bluetooth, or other communication interface standard*" (paragraph

52). The wireless transceiver module is used to transmit and receive data via a public wireless network (paragraph 0046). *"The controller module is connected to the interface module and the wireless transceiver module and supports the flow of data information while coordinating the operation of the various modules"* (paragraph 0019).

The Examiner contends that the *"first interface adapted to allow the IP access point to communicate with the point-to-point communication module wherein the first interface is adapted to be presented to an electronic device communicating in IP mode with the IP access point, in the form of at least one virtual port and the said first interface is adapted to be controlled by the said electronic device by means of control instructions"* is disclosed in Deng by the interface module 5 in Figure 1. Applicants respectfully disagree.

The interface module in Deng is used to connect the wireless communication device with a computer or other data processing equipment via a serial, parallel, or wireless communication interface. However, it does not facilitate the communication between an IP access point with a point-to-point communication module. The controller module of Deng supports the flow of information in the device and not the interface module.

Furthermore, the controller module of Deng does not disclose the first interface feature as recited in claim 1. As noted above, *"the first interface is adapted to be presented to an electronic device communicating in IP mode with the IP access point, in the form of at least one virtual port and the said first interface is adapted to be controlled by the said electronic device by means of control instructions."* The controller module is not visible to any electronic device outside of the wireless communication device and as such, it cannot be controlled by it or presented in the form of at least one virtual port. The operation of the controller module is done through firmware executing in the controller module and not by any external control instructions. Accordingly, neither the interface module nor the controller module of Deng corresponds to the first interface feature of claim 1.

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The remaining dependent claims recite the above-referenced features, and are believed to be patentably distinguishable over Deng for at least the same reasons as discussed with respect to claim 1.

### Claim 5 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Deng in view of US Patent Application Public 20010053135 (hereinafter "Carpelan").

Claim 5 is rejected under 35 U.S.C. § 103(a) as anticipated by Deng in view of Carpelan. Applicants respectfully traverse this rejection for at least the following reasons.

First, even assuming arguendo that Carpelan discloses the subject matter as alleged, Carpelan fails to overcome the defect of Deng as applied to pending claim 1. Therefore, claim 5 is patentably distinguishable over the combination of Deng and Carpelan for at least the same reasons as those discussed above.

Second, applicants submit that the Office Action has failed to provide sufficient reasoning as to why one skilled in the art would be motivated to combine the references in the manner suggested. Carpelan pertains to providing a user-friendly mechanism to add or register a new terminal to an existing wireless local area network ("WLAN") (see paragraph [0006]: *"to provide a solution to improve the user-friendliness of wireless local area networks, and particularly to make a new terminal easier to connect to a wireless local area network"* and paragraph [0012]: *"[t]he most important advantage of the solution of the invention is thus improved user-friendliness"*).

The WLAN has a base transceiver station which tracks new terminals attempting to access the WLAN. The new terminal submits a connect message to the base transceiver station which contains a unique terminal-specific identifier. A user interface is used to display to a user the list of identifiers, representing terminals attempting to access the network. The user can select the identifiers that can be added to the WLAN. The user interface provides a graphical visual display of the identifiers representing terminals attempting to register with the

WLAN. This graphical display is easy for the user to see and use in order to determine which terminals should be allowed access to the WLAN.

The Examiner contends that one skilled in the art would be motivated to combine Deng with Carpelan, *"thereby, providing a device [that] can support multiple interfaces, as discussed by Carpelan (see paragraphs [0001]-[0005])."* Applicants respectfully disagree.

Carpelan does not suggest or recite the problem of supporting multiple interfaces. As noted above, Carpelan pertains to the problem of adding or registering a new terminal to a wireless local area network and to do so in a user-friendly manner (see paragraph [0004], *"The known solution described above presents such a problem that it is relatively difficult to register a new terminal in a wireless local area network").* The user interface in Carpelan is a graphical visual display illustrating the terminals that are requesting to register with the WLAN. This differs from the interfaces described in Deng. The interface in Deng, such as the interface module, are used to establish an information exchange channel between a wireless data communication device and a data processing system, through either a serial, parallel, or wireless port (see Deng, paragraph [0045]). Clearly, the user interface of Carpelan differs from the interface module in Deng. Accordingly, one skilled in the art would not be motivated to combine Carpelan with Deng to support multiple interfaces.

Applicants submit that for at least the reasons discussed above the suggested combination of prior art references fail to disclose or suggest each and every feature recited in the independent claim and the claims that depend therefrom, are patentably distinguishable over any combination of Deng and Carpelan.

## Conclusion

Having fully addressed the Examiner's rejections it is believed that, in view of the preceding amendments and remarks, this application stands in condition for allowance. Accordingly then, reconsideration and allowance are respectfully solicited.

In view of the foregoing, Applicants solicit allowance of the claims. If the Examiner cannot take such action, the Examiner should contact the Applicant's attorney at (609) 734-6815 to arrange a mutually convenient date and time for a telephonic interview.

In the event that there are any errors with respect to the fees for this response or any other papers related to this response, the Director is hereby given permission to charge any shortages and credit any overcharges of any fees required for this submission to Deposit Account No. 07-0832.

Respectfully submitted,
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